IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): AO et al.

Atty. Dkt.: 01-527

Serial No.: Unknown

Group Art Unit:

Filed: Concurrently herewith

Examiner:

Title: MAGNETIC IMPEDANCE DEVICE.

SENSOR APPARATUS USING THE

SAME AND METHOD FOR MANUFACTURING THE SAME

Date: November 21, 2003

Commissioner for Patents Arlington, VA 22202

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the reference(s) listed on the attached Form PTO-1449 is/are submitted for consideration by the Examiner without any admission that it/they constitute(s) statutory prior art, or without any admission that it/they contain(s) subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

The Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed reference(s) has/have been considered and made of record.

Respectfully submitted,

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* PATENT APPLICATION

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FORM PTO-1449	ATTY. DKT NO.	01-527 SER. NO.		
	APPLICANT	AO et al.		
	FILING DATE	November 21, 2003	GROUP	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	E NAME		SUB CLASS	
	5,841,276 (English counterpart of JP-A-H08-304432 which is discussed in pages 3-4 of the spec.)	Nov. 24, 1998	Makino et al.			

FOREIGN PATENT DOCUMENTS

TRANSLATION

 TRANSLATION							
DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
JP-A-H08-75835* (Discussed in page 1 of the spec.)	3/22/96	JAPAN				X (Abstract)	
JP-A-2000-46513* (Discussed in page 4 of the spec.)	2/18/00	JAPAN				X (Abstract)	
JP-A-2001-116773* (Discussed in page 4 of the spec.)	4/27/01	JAPAN				X (Abstract)	
JP-A-2001-228229* (Discussed in page 3 of the spec.)	8/24/01	JAPAN				X (Abstract)	
JP-A-2001-318131* (Discussed in page 3 of the spec.)	11/16/01	JAPAN				X (Abstract)	
JP-A-2001-289926*	1019/01	JAPAN				X (Abstract and partial translation)	

* Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER			DATE CONSIDERED .		

Rev. 10/94 (Form 3.05)